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Aims and Scope

The *Journal of Organometallic Chemistry* publishes original papers, notes and subject reviews dealing with theoretical aspects, structural chemistry, synthesis, physical and chemical properties including reaction mechanisms, and practical applications, of organoelement compounds in a sense corresponding essentially to Section 29 ("Organometallic and Organometalloidal Compounds") of *Chemical Abstracts*.

Papers on the following classes of compounds will be considered for publication:

(a) Compounds containing at least one direct bond between carbon and other elements excluding H, N, O, halogens and noble gases. Borderline cases can be expected among certain compounds containing S; these will be considered but not encouraged, and will be judged on their own merits. Carbonates and carbides will be excluded, as will also organometallic compounds in which the metal has no significant role.

(b) Metal hydrides and carbonyls.

(c) Metallocenes and similar complexes.

(d) In exceptional cases, compounds containing no direct carbon-metal (or -metalloid) bond in the sense as described in (a) but which exhibit distinct organometallic character.

(e) New uses of compounds mentioned under (a)–(d) in synthetic organic chemistry, with the exclusion of their use for well-known routine purposes.

(f) Papers consisting wholly or mainly of reports of spectroscopic data (including fragmentation patterns from mass spectral studies) will be accepted only if the interpretation of such data has clear general implications.

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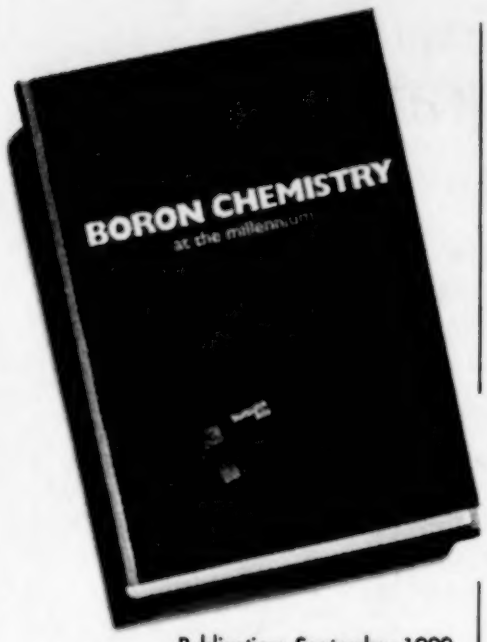

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Reflecting the status of boron chemistry at the turn of the millennium

Boron Chemistry at the Millennium

Editor: **R.B. King**, *The University of Georgia, School of Chemical Sciences, Department of Chemistry, Athens, GA 30602 USA*

This book grew out of a workshop held at the University of Georgia in May 1998, organized by Professor R.B. King. The results presented at this conference were divided into two categories: solid-state boron chemistry and boron compounds in organic synthesis. The papers, recently published in special issues of *Inorganica Chimica Acta* and the *Journal of Organometallic Chemistry*, are now available in this single book edition.

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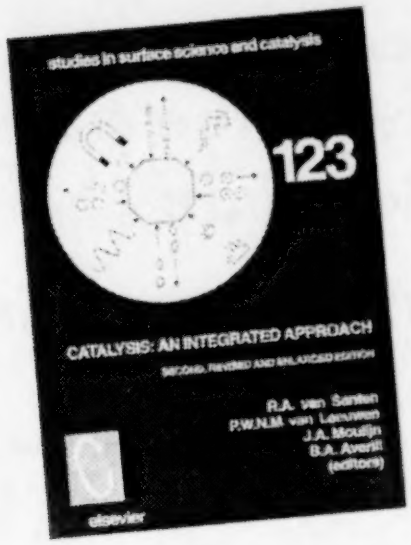

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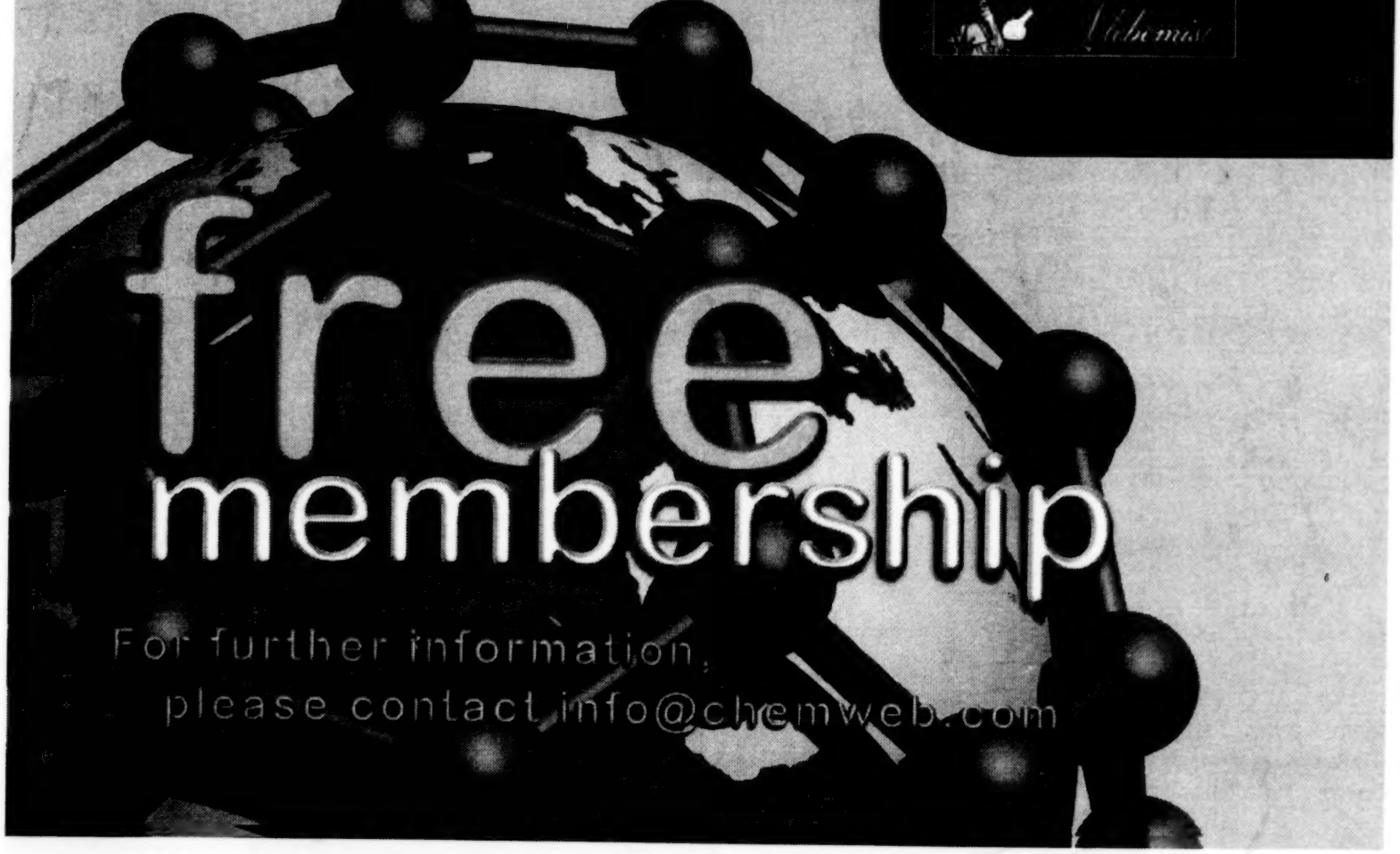

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